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L1: Entry 22 of 27

File: DWPI

Dec 19, 1995

DERWENT-ACC-NO: 1996-074755

DERWENT-WEEK: 199608

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TITLE: Percutaneous absorption pilocarpine preparations, useful for treating dry mouth treatment contains pilocarpine free base medicine and moisture-absorbing substance(s) opt. with poly:basic metal salts.

INVENTOR: HORI M ; SATO T

PATENT-ASSIGNEE:

ASSIGNEE

CODE

LEDERLE JAPAN LTD

LEDEN

NITTO DENKO CORP

NITL

PRIORITY-DATA: 1994JP-130054 (June 13, 1994)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE



JP 07330602 A

December 19, 1995

JA

APPLICATION-DATA:

PUB-NO

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JP 07330602A

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CIPS [A61 K 31/415](#) 20060101CIPS [A61 K 47/30](#) 20060101CIPP [A61 K 9/70](#) 20060101

ABSTRACTED-PUB-NO: JP 07330602 A

BASIC-ABSTRACT:

Percutaneous absorption prepns. composed of medicine-contg. adhesive layer as formed on a support film, contains pilocarpine free base medicine and one or more moisture-absorption substances, with optional addn. of polybasic metal salts.

Pilocarpine-contg. prepns. comprise 0.1-60 (pref. 1-20) wt.% of pilocarpine free base, 30-90 wt.% of adhesive layer of elastomers such as polyisobutylene, acryl polymers, and/or styrene-isoprene-styrene block copolymers, and 5-60 (pref. 10-50) wt.% of moisture-absorption substances of sodium carboxymethyl cellulose, pectin, and/or gelatin, with optional addn. of metal salts such as aluminium hydroxide, zinc hydroxide, aluminium oxide, calcium chloride and/or calcium hydroxide.

USE - Pilocarpine is used as active substance for saliva-secretion accelerators, useful for dry mouth treatment.

In an example, gelatin (9.32 wt.%), pectin (9.325), sodium carboxymethylcellulose (9.32%), aluminium oxide gel (1.54%), alum (0.77%), and pilocarpine (10.0%) were added to polyisobutylene (60%), mixed at 80 deg. C for 20 minutes, and pressed on film to form adhesive layer of 20 microns.

ABSTRACTED-PUB-NO: JP 07330602 A

EQUIVALENT-ABSTRACTS:

TITLE-TERMS: PERCUTANEOUS ABSORB PILOCARPINE PREPARATION USEFUL TREAT DRY MOUTH  
CONTAIN FREE BASE MEDICINE MOIST SUBSTANCE OPTION POLY BASIC METAL SALT

DERWENT-CLASS: A96 B03

CPI-CODES: A12-V01; A12-V03A; B04-C02A; B04-C03B; B04-N02; B07-A02A; B07-D09; B14-N05;

CHEMICAL-CODES:

Chemical Indexing M1 \*02\*

Fragmentation Code

H7 H721 M210 M214 M232 M320 M423 M431 M510 M520

M530 M540 M610 M782

Specific Compounds

R00966

Registry Numbers

7536

Chemical Indexing M1 \*03\*

Fragmentation Code

G010 G100 H7 H721 H724 M210 M212 M215 M232 M240

M423 M431 M510 M520 M530 M531 M540 M610 M782 V743

Specific Compounds

R00429 R00708

Registry Numbers

368 483

Chemical Indexing M1 \*04\*

Fragmentation Code

H5 H521 H8 J0 J011 J1 J171 M280 M311 M321

M342 M381 M391 M423 M431 M782 V0 V713

Specific Compounds

R00708 R07352

Registry Numbers

133912 133998 140011 140012 190069 368

Chemical Indexing M1 \*05\*

Fragmentation Code

J0 J011 J1 J111 J2 J211 K0 L8 L811 L815

L817 L819 L831 L832 M210 M211 M272 M280 M281 M320

M423 M431 M782  
Specific Compounds  
R17032  
Registry Numbers  
103468

Chemical Indexing M1 \*06\*  
Fragmentation Code  
M423 M431 M782 V752

Chemical Indexing M2 \*01\*  
Fragmentation Code  
F011 F012 F013 F014 F019 F113 F521 H1 H181 H2  
H201 J5 J521 L9 L942 M1 M126 M132 M210 M211  
M212 M240 M273 M281 M311 M321 M342 M413 M431 M510  
M522 M530 M540 M782 P923  
Specific Compounds  
R00593  
Registry Numbers  
104031 151410

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0593U ; 1835U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]  
018 ; G0055 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D84 R00966  
7536; H0124\*R; H0000; P1150;  
Polymer Index [1.2]  
018 ; H0124\*R; P0088\*R;  
Polymer Index [1.3]  
018 ; G0102 G0022 D01 D02 D12 D10 D19 D18 D31 D51 D53 D58 D76 D88 R00708  
368; G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58 D85 R00429 483;  
H0124\*R; H0066 H0044 H0011; P0328; P1741;  
Polymer Index [1.4]  
018 ; ND01; ND04; Q9999 Q8037 Q7987; Q9999 Q8059 Q7987; K9745\*R;  
K9483\*R;  
Polymer Index [2.1]  
018 ; G3678 G3634 G3623 D01 D03 D11 D10 D23 D22 D31 D42 D50 D61 D76 D92  
F24 F34 F38 F35 Na 1A H0293 P0599 R07352 R06717 133912 133998; G3714  
P0599 D01 F70 R24033 95972; G3623 P0599 D01 R17032 103468;  
Polymer Index [2.2]  
018 ; ND01; ND04; Q9999 Q8037 Q7987; Q9999 Q8059 Q7987; K9745\*R;  
K9483\*R;  
Polymer Index [2.3]  
018 ; B9999 B3407 B3383 B3372;

SECONDARY-ACC-NO:  
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[Previous Doc](#)

[Next Doc](#)

[Go to Doc#](#)